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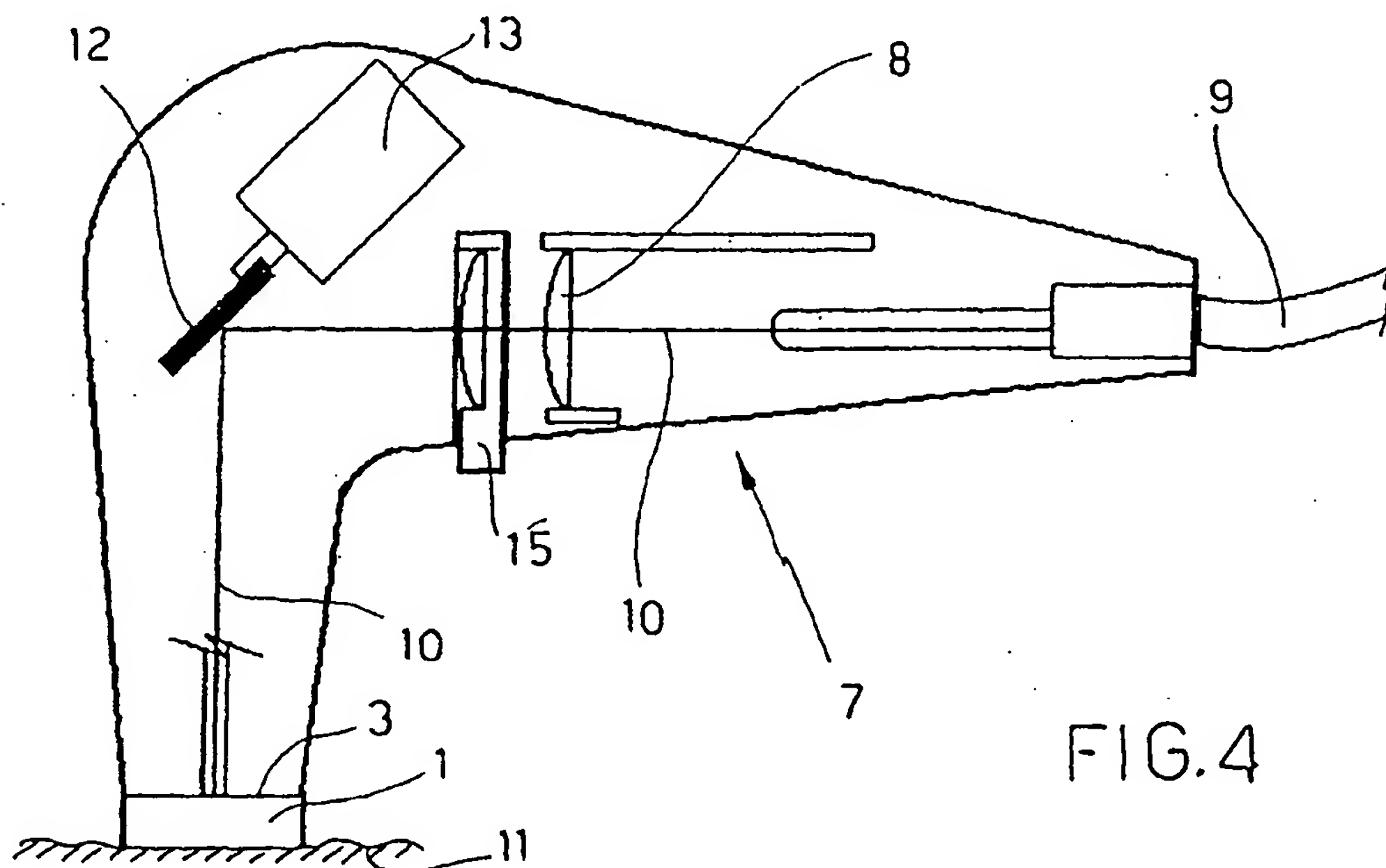
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**(54) Device for cutaneous treatments using optical radiation**

(57) The invention falls into the field of devices designed to enable cutaneous treatments involving optical radiation. An optical cooling unit (1) is composed of a container with two sides (3) and (4) opposite each other, parallel to each other and spaced out by a cavity (2). The said two sides are composed, for the main part of

their surface, of two optically transparent elements (3a) and (4a). The cavity (2) is designed to enable the continual circulation of a cooling liquid. The optical cooling unit (1) is attached integrally to a device (7) and it is crossed, at a substantially orthogonal angle, by optical radiation (10). Additional optics (15), reciprocally interchangeable, may be inserted in a seating (14).



**FIG. 4**

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## EUROPEAN SEARCH REPORT

Application Number  
EP 02 00 1860

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Place of search THE HAGUE		Date of completion of the search 23 October 2003	Examiner Petter, E
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document</p> <p>T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons &amp;: member of the same patent family, corresponding document</p>			

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